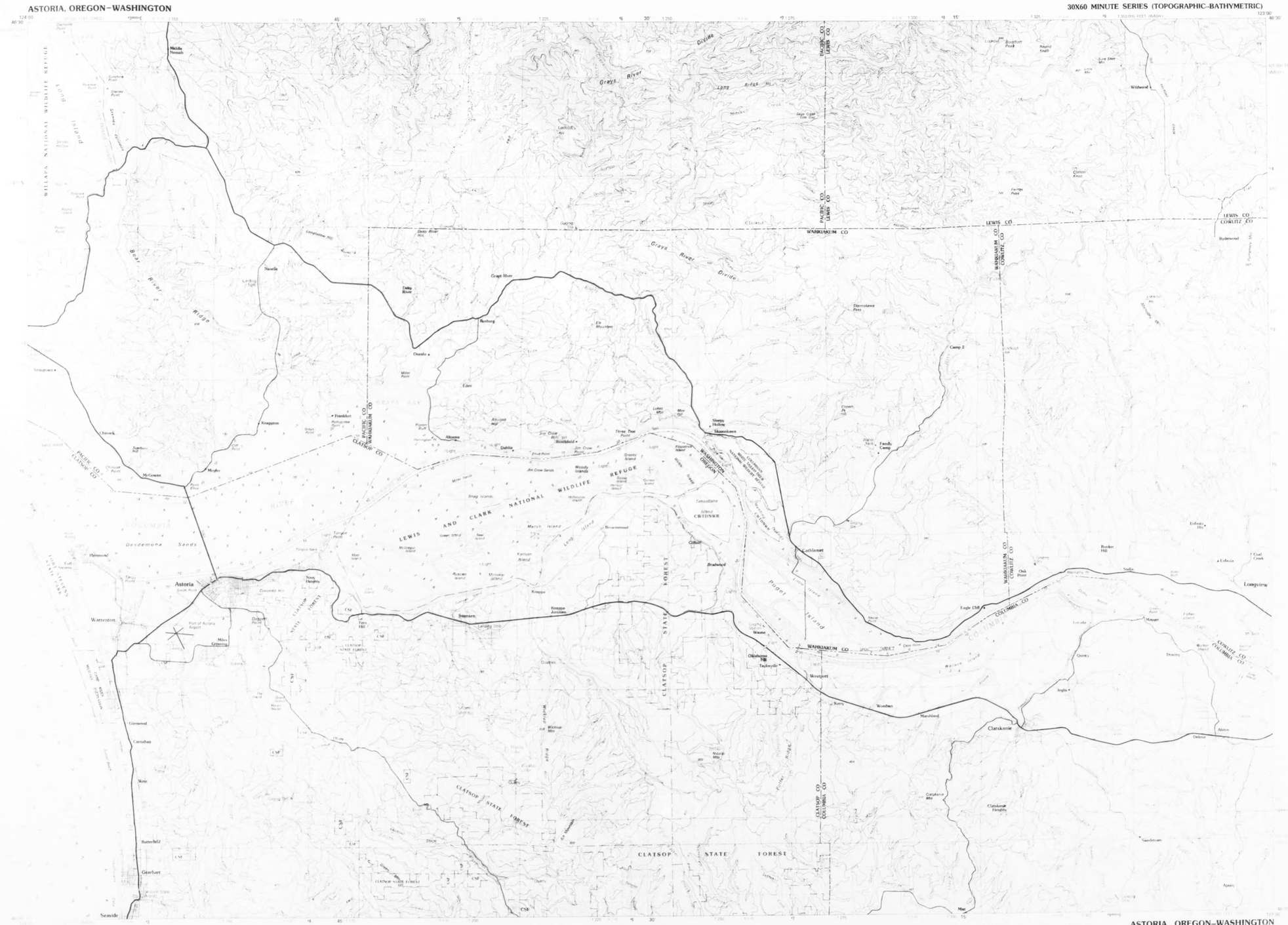
ASTORIA, OREGON–WASHINGTON

30X60 MINUTE SERIES (TOPOGRAPHIC–BATHYMETRIC)



SCALE 1:100 000

1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND

CONTOUR INTERVAL 50 METERS

ASTORIA, OREGON–WASHINGTON
46123-A1-TB-100
1981
BATHYMETRY ADDED 1989

HYDROGRAPHIC SURVEY INFORMATION

HYDROGRAPHIC SURVEY INDEX

46123-A1-TB-100

Astoria

OREGON–WASHINGTON

1:100 000-scale *metric*
topographic—bathymetric map

30 X 60 MINUTE QUADRANGLE SHOWING

- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names
- Baihymetric contours in meters

U.S. GEOLOGICAL SURVEY

1981

Produced by the United States Geological Survey and the National Ocean Service

Topographic Map Symbols

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DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
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